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(54) Title: PRACTICAL, COST-EFFECTIVE SYNTHESIS OF UBIQUINONES

(57) Abstract: The present invention provides a convergent method for the synthesis of ubiquinones and ubiquinones analogues. Also provided are precursors of ubiquinones and their analogues that are useful in the methods of the invention, The invention further provides an improved method for the carboalumination of alkyne substrates.

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